

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2004/002941

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 E21B17/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 E21B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/085815 A1 (BOUCHARD MICHEL ET AL) 8 May 2003 (2003-05-08) sentence 2, paragraph 2; figures 7-12 sentence 6, paragraph 12 paragraph [0013] sentence 3, paragraph 47 sentences 3,10,12, paragraph 52 paragraph [0053] sentences 3,8, paragraph 60 sentences 1,4, paragraph 61 sentences 6-8, paragraph 62 sentence 7, paragraph 72 sentence 3, paragraph 80 -----	1-9,22, 24,25
X	US 3 939 705 A (GUIMARD ANDRE J ET AL) 24 February 1976 (1976-02-24) cited in the application figures 2,8 ----- -/--	1

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

24 September 2004

Date of mailing of the international search report

01.12.2004

Name and mailing address of the ISA

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PCT/GB2004/002941

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 5 740 860 A (CRAWFORD MARK S ET AL)  21 April 1998 (1998-04-21)  the whole document  -----</p>	

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PCT/GB2004/002941

## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: . . .
  
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

see annex

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

International Application No. PCT/ GB2004/ 002941

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-9, 22-25

A system and method for installing a powered device in a downhole tube, having first and second power connectors which are aligned to one another in order to be connected.

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2. claims: 10-21

A system for removing liquid from a portion of a bore, comprising:  
a motor  
a pump  
a tube defining an annulus in the borehole  
a packer .

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/002941

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 2003085815	A1	08-05-2003	WO	03040517 A1		15-05-2003
US 3939705	A	24-02-1976	FR	2220005 A1		27-09-1974
			AR	208060 A1		30-11-1976
			AU	6602274 A		28-08-1975
			CA	991539 A1		22-06-1976
			CA	1001065 A2		07-12-1976
			GB	1460981 A		06-01-1977
			GB	1460982 A		06-01-1977
			MX	143177 A		31-03-1981
			NL	7402500 A		04-09-1974
			NO	140146 B		02-04-1979
			OA	4611 A		31-07-1980
			SU	1142008 A3		23-02-1985
US 5740860	A	21-04-1998	WO	9846854 A1		22-10-1998
			EP	0909363 A1		21-04-1999
			NO	985786 A		10-02-1999